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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Application Number	10/787,367	
			Filing Date	02/26/2004	
			First Named Inventor	GRAUPE	
			Group Art Unit	1628	
			Examiner Name	Coppins, Janet	
Sheet	1	of	13	Attorney Docket Number	USAV2001/0143 - US - CNT

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
JLC		4,927,809		STUBER, et al.	05-22-1990	
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		5,486,623		ZIMMERMAN, et al.	01-23-1996	
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JLC		6,508,733		BUYSSE	01-14-2003	
		6,578,630		LINK, et al.	06-10-2003	

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JLC		EP	EP 0272871	KRANTZ, et al.	06-28-1988	
		EP	EP 0291234	EDWARDS, et al.	11-17-1998	
		EP	EP 0355572	PAQUES, et al.	02-28-1990	
		EP	EP 0376012	ALBRIGHT, et al.	07-04-1990	
		EP	EP 0415683	HARA, et al.	04-03-1991	
		EP	EP 0536399	OKUBO, et al.	04-01-1993	
		EP	EP 0652009	DOVEY, et al.	10-05-1995	
		EP	EP 0754454	KOBAYASHI, et al.	01-22-1997	
JLC		JP	JP 08182199	RYOICHI, et al.	07-12-1994	
		JP	JP 42009133	IRIKURA, et al.	05-06-1967	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Application Number	10/787,367	
			Filing Date	02/26/2004	
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			Group Art Unit	1826	
			Examiner Name	Coppins, Janet	
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OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
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Examiner Signature	<i>Janet L. Coppins</i>	Date Considered	7/1/00
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gll		GOUR-SALIN, et al., Inhibition of papain by peptide nitriles: conversion of the nitrile group into other functionalities via the papainnitrile thiomidate ester adduct, Can. J. of Chem, CA, National Research Council, Ottawa, 69(8):1288-1297 (1991).	
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Examiner Signature	<i>Janet A. Coppins</i>	Date Considered	7/1/05
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		Filing Date	02/28/2004		
		First Named Inventor	GRAUPE		
		Group Art Unit	1828		
		Examiner Name	Coppins, Janet		
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Examiner Initials*	Cite No.†	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T‡
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gll		THOMPSON, et al., Carboxyl-modified amino acids and peptides as protease inhibitors, J. Med. Chem., 29(1):104-111 (1986).	
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		09/927,188		CAI, et al.	08-10-2001	
		09/927,324		BUTLER, et al.	08-10-2001	
		09/928,122		BREITENBUCHER, et al.	08-10-2001	
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		JP	JP 2001-011037		SATO, et al.	01-16-2001	
		JP	JP 2001-055366		SATO, et al.	02-27-2001	
		WO	WO00/59881		SINGH, et al.	10-12-2000	
		WO	WO01/09169		SINGH, et al.	02-08-2001	
		WO	WO02/057248		QUIBELL, et al.	07-25-2002	
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		WO	WO02/096892		OHMOTO, et al.	05-30-2002	
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		WO	WO02/20485		BEKKALI, et al.	03-14-2002	

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Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/787,387
		Filing Date	02/28/2004
		First Named Inventor	GRAUPE
		Group Art Unit	1828
		Examiner Name	Coppins, Janet
Sheet	12	of	13
		Attorney Docket Number	USAV2001/0143 - US - CNT

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
gfc		CHAPMAN, et al., Emerging Roles for Cysteine Proteases in Human Biology, Ann. Rev. Physiol.; 1997; 59; pp.63-88.	
		DRANOFF, et al., Cathepsin S Required for Normal MHC Class II Peptide Loading and Germinal Center Development, Immunity; 1999; 10; pp.197-205.	
		FENWICK, et al., Diastereoselective Synthesis, Activity and Chiral Stability of Cyclic Alkoxyketone Inhibitors of Cathepsin K., Bioorg. Med. Chem. Lett.; 2001; 11(2); pp.189-202.	
		FENWICK, et al., Solid-phase Synthesis of Cyclic Alkoxyketones, Inhibitors of the Cysteine Protease Cathepsin K., Bioorg. Med. Chem. Lett.; 2001; 11(2); pp.195-198.	
		GREENSPAN, et al., Identification of Dipeptidyl Nitriles as Potent and Selective Inhibitors of cathepsin B Through Structure-based Drug Design, J. Med. Chem.; 2001; 44; pp.4524-4534.	
		LOWE, et al., Kinetic Specificity in Papain-catalyzed Hydrolyses, Biochem. J.; 1971; 124(1); pp.107-115.	
		MACIEWICZ, et al., A comparison of Four Cathepsins (B, L, N and S) with Collagenolytic Activity From Rabbit Spleen, Biochem J.; 1998; 256; pp.433-440.	
		MARQUIS, et al., Azasone-based Inhibitors of Human and Rat Cathepsin K., J. Med. Chem.; 2000; 44(8); pp.1380-1395.	
		NAKAGAWA, et al., Impaired Invariant Chain Degradation and Antigen Presentation and Diminished Collagen-induced Arthritis in Cathepsin S-null Mice, Immunity; 1999; 10; pp.207-217.	
gfc		OTTO, et al., Cysteine Proteases and their Inhibitors, Chem. Rev.; 1997; 97; pp.133-171.	

Examiner Signature	<i>Janet Coppins</i>	Date Considered	7/1/05
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Substitute for form 1449B/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	10/787,367
				Filing Date	02/28/2004
				First Named Inventor	GRAUPE
				Group Art Unit	1826
				Examiner Name	Coppins, Janet
Sheet	13	of	13	Attorney Docket Number	USAV2001/0143 - US - CNT

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
gk		SHI, et al., Molecular Cloning and Expression of Human Alveolar Macrophage Cathepsin S, an Elastolytic Cysteine Protease, J. Biol. Chem.; 1992; 267; pp.7258-7262.	
gk		SINGH, et al., beta-lactams as Enzyme Inhibitors., IDrugs; 2000; 3(5); pp.512-517.	
gk		VILLADANGOS, et al., Cathepsin S Activity Regulates Antigen Presentation and Immunity, J. Clin. Invest.; 1998; 101(10); pp.2351-2363.	

Examiner Signature	<i>gk</i>	Date Considered	7/11/05
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